



SEQUENCE LISTING

<110> Amylin Pharmaceuticals, Inc.
Kolterman, Orville G.
Young, Andrew A.
Rink, Timothy J.
Brown, Kathleen A. K.

<120> Methods for Regulating Postprandial Blood Glucose (Amended)

<130> 254/057CON

<140> US 10/643,681

<141> 2003-08-18

<150> US 09/576,062

<151> 2000-05-22

<150> US 08/302,069

<151> 1994-09-07

<150> US 08/118,381

<151> 1993-09-07

<160> 49

<170> PatentIn version 3.3

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Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
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Gly Ser Asn Thr Tyr
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Leu Gly Arg Leu Ser Gln Glu Leu His Arg Leu Gln Thr Tyr Pro Arg
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Thr Asn Thr Gly Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
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Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Ile Arg Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Pro Thr Asn Val
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Gly Ser Asn Thr Tyr
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Val His Ser Ser His Asn Leu Gly Ala Ala Leu Leu Pro Thr Asp Val
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Gly Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Ser Asn Thr Tyr
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Val Arg Ser Ser His Asn Leu Gly Ala Ala Leu Ser Pro Thr Asp Val
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Gly Ser Asn Thr Tyr
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Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Thr Asn Phe Leu
1 5 10 15

Val Arg Ser Ser His Asn Leu Gly Ala Ile Leu Pro Pro Thr Asp Val
20 25 30

Gly Ser Asn Thr Tyr
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1				5					10					15	

Val	Arg	Ser	Ser	His	Asn	Leu	Gly	Pro	Ala	Leu	Pro	Pro	Thr	Asp	Val
			20					25					30		

Gly	Ser	Asn	Thr	Tyr
			35	

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Val	Leu	Asn	Lys	Leu	Ser	Gln	Glu	Leu	His	Lys	Leu	Gln	Thr	Tyr	Pro
1				5					10					15	

Arg	Thr	Asn	Thr	Gly	Ser	Asn	Thr	Tyr
			20				25	

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Val	Leu	Gly	Lys	Leu	Ser	Gln	Glu	Leu	His	Lys	Leu	Gln	Thr	Tyr	Pro
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Arg	Thr	Asn	Thr	Gly	Ser	Gly	Thr	Pro
			20				25	

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intramolecular linkage,

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cycloalkylamino, arylamino, aralkylamino, alkyloxy, aryloxy or
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Xaa Xaa Xaa Xaa Xaa Asn Xaa Gly Xaa Xaa Leu Xaa Xaa Thr Xaa Val
20 25 30

Gly Ser Asn Thr Tyr
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Gly Ser Asn Thr Tyr
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Ala Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
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Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
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Gly Ser Asn Thr Tyr
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Ser Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
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Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
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Gly Ser Asn Thr Tyr
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 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Pro Thr Asn Val
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 Gly Ser Asn Thr Tyr
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 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val
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 Gly Ser Asn Thr Tyr
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 His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Ser Thr Asn Val Gly
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 Ser Asn Thr Tyr
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 Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
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 His Ser Ser Asn Asn Phe Gly Pro Val Leu Pro Pro Ser Asn Val Gly
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 Ser Asn Thr Tyr
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 Gly Ser Asn Thr Tyr
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 Xaa Xaa Xaa Xaa Xaa Asn Xaa Gly Pro Xaa Leu Pro Xaa Thr Xaa Val
 20 25 30

 Gly Ser Asn Thr Tyr
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 1 5 10 15

 Val Arg Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Pro Thr Asn Val
 20 25 30

Gly Ser Asn Thr Tyr
35

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Xaa	Xaa	Asn	Thr	Ala	Thr	Xaa	Ala	Thr	Gln	Arg	Leu	Xaa	Asn	Phe	Leu
1				5					10					15	
Xaa	Xaa	Xaa	Xaa	Xaa	Asn	Xaa	Gly	Pro	Xaa	Leu	Xaa	Pro	Thr	Xaa	Val
				20				25					30		
Gly	Ser	Asn	Thr	Tyr											
				35											

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1				5					10					15	
Val	His	Ser	Asn	Asn	Asn	Leu	Gly	Pro	Val	Leu	Ser	Pro	Thr	Asn	Val
			20					25					30		
Gly	Ser	Asn	Thr	Tyr											
			35												

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 arylamino, aralkylamino, alkyloxy, aryloxy, or aralkyloxy

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Xaa Xaa Xaa Xaa Xaa Asn Xaa Gly Xaa Xaa Leu Pro Pro Thr Xaa Val
20 25 30

Gly Ser Asn Thr Tyr
35

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<400> 45

Xaa	Xaa	Asn	Thr	Ala	Thr	Xaa	Ala	Thr	Gln	Arg	Leu	Xaa	Asn	Phe	Leu
1				5					10					15	

Xaa	Xaa	Xaa	Xaa	Xaa	Asn	Xaa	Gly	Pro	Xaa	Leu	Pro	Pro	Thr	Xaa	Val
				20				25					30		

Gly	Ser	Asn	Thr	Tyr
				35

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<220>
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 chains which are chemically bonded to each other to form an
 intramolecular linkage

 <400> 46

 Lys Xaa Asn Thr Ala Thr Xaa Ala Thr Gln Arg Leu Ala Asn Phe Leu
 1 5 10 15

 Val His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val
 20 25 30

 Gly Ser Asn Thr Tyr
 35

 <210> 47
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 chains which are chemically bonded to each other to form an
 intramolecular linkage

 <400> 47

 Lys Xaa Asn Thr Ala Thr Xaa Ala Thr Gln Arg Leu Ala Asn Phe Leu
 1 5 10 15

 Ile Arg Ser Ser Asn Asn Leu Gly Ala Ile Leu Ser Pro Thr Asn Val
 20 25 30

 Gly Ser Asn Thr Tyr
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<400> 48

Lys Xaa Asn Thr Ala Thr Xaa Ala Thr Gln Arg Leu Ala Asn Phe Leu
 1 5 10 15

Val Arg Thr Ser Asn Asn Leu Gly Ala Ile Leu Ser Pro Thr Asn Val
 20 25 30

Gly Ser Asn Thr Tyr
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chains which are chemically bonded to each other to form an intramolecular linkage

<400> 49

Lys	Xaa	Asn	Thr	Ala	Thr	Xaa	Ala	Thr	Gln	Arg	Leu	Thr	Asn	Phe	Leu
1				5					10					15	

Val	Arg	Ser	Ser	His	Asn	Leu	Gly	Ala	Ala	Leu	Leu	Pro	Thr	Asp	Val
			20					25						30	

Gly	Ser	Asn	Thr	Tyr
				35